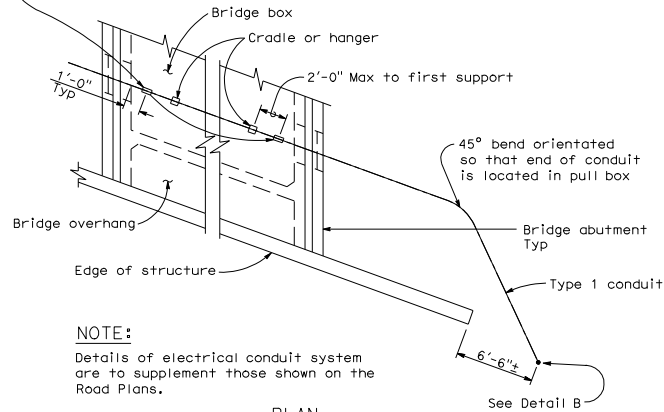
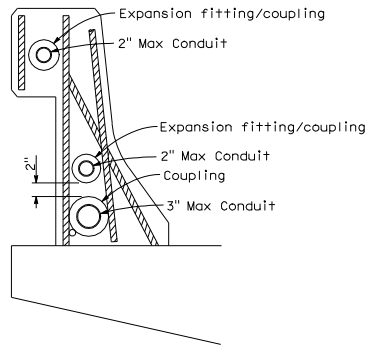


Conduit expansion fitting. See Standard Plan ES-9B Detail X. Provide for a minimum movement or $1\frac{1}{2}$ " ($1+ \frac{1}{2}$ ") at each abutment where no expansion joints are located. Other expansion assemblies shall provide movements according to adjacent expansion joint size. Supports are to be located 2'-0" maximum each side of expansion assemblies.



PLAN
COMMUNICATION OR
SPRINKLER CONTROL CONDUITS

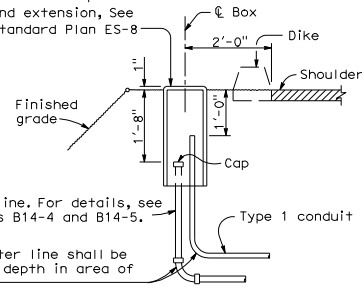


CONDUIT IN BRIDGE RAILING

NOTES:

1. The maximum conduit sizes shown are for a straight run across the bridge without pull boxes.
2. In a bridge railing with lighting standards or pull boxes, reduce size of affected conduits as needed.

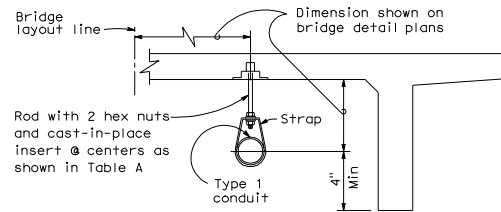
#5 Concrete pull box and extension, See Standard Plan ES-8



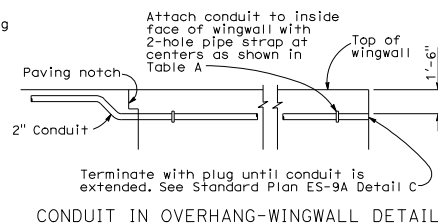
DETAIL B

Water supply line. For details, see Standard Plans B14-4 and B14-5.

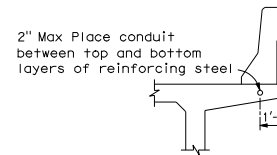
Conduit or water line shall be 4'-6" minimum depth in area of guard railing



OTHER THAN BOX GIRDER
CONDUIT HANGER SUPPORT DETAILS



CONDUIT IN OVERHANG-WINGWALL DETAIL



CONDUIT IN OVERHANG

CONDUIT LOCATIONS

(For 2" conduit only except as noted)
For location see Bridge Detail plans.

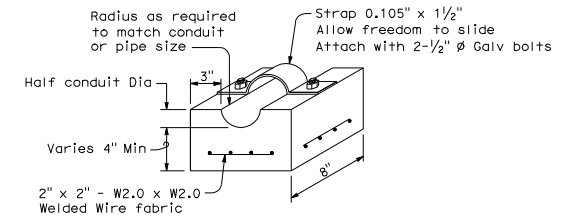
TABLE A

Conduit	2 1/2" or less	3"	3 1/2"
Rod	3/8" ϕ	1/2" ϕ	5/8" ϕ
Strap	0.090" x 1"	0.090" x 1"	0.105" x 1 1/2"
Support spacing	10'-0"	10'-0"	10'-0"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

Lawrence L. Fombrun
 REGISTERED ELECTRICAL ENGINEER
 No. E11803
 Exp. 9-30-06
 ELECTRICAL
 STATE OF CALIFORNIA

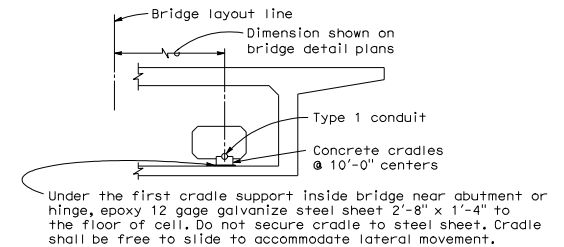
May 1, 2006
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
 To get to the Caltrans web site, go to <http://www.dot.ca.gov>



NOTES:

1. Cradles to be precast concrete.
2. Secure all cradles to bottom slab of bridge with epoxy adhesive, except as provided below.

CONCRETE CRADLE



BOX GIRDER
CONDUIT SUPPORT DETAILS

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION COMMUNICATION AND SPRINKLER CONTROL CONDUITS (CONDUIT LESS THAN 4")

NO SCALE

B14-3